

November 12<sup>th</sup>, 2020

City of Penticton  
Community Sustainability Advisory Committee  
c/o Chris Allen, Chair

## EV Charging Stations

I have been interested in sustainability issues for nearly 30 years and have been an electrical vehicle owner for over 3 years. We own two EVs. One has a range of 120km, can only use a Level 2 charger and is used mainly within Penticton. The other has a range of 270km, can use a Level 3 charger and can be used for commuting outside the region. We currently use portable, Level 1 chargers at home for both vehicles but at times, we need to charge up when in town or when travelling and like all EV users, we have had to adopt our travel patterns to accommodate the availability of charging stations which is very different than filling a gas tank which takes only a few minutes and can be done almost anytime, anywhere.

I have spoken to the City of Penticton's Electrical Utility Manager about the recent changes to charging stations in the downtown which to date have provided "free" electricity to EV users. The Level 3 charger is now operated by Flo and charges \$0.30/minute and the (4) Level 2 chargers currently operated by Flo will be charging \$2.00/hour starting in January 2020. Based on my most recent charging sessions, Level 3 electricity costs \$0.60/kWh and Level 2 electricity will cost \$0.40/kWh and at my home, I pay between \$0.10 and \$0.14/kWh.

It was my understanding that "free" charging was to encourage local citizens as well as visitors to transition away from fossil fuel use. Although I will miss free electricity, it is understandable why the City of Penticton has made this change. However, the current rates do not seem reasonable.

I would also like to suggest that any new charging stations should be in locations where it makes the most sense; where one can access (and spend money) on good and services, whether that is getting a coffee or a quick bite when waiting for 20-40 minutes at a Level 3 charging station or shopping or having a meal when waiting for 3-4 hours at a Level 2 charging station.

I would be happy to participate in any discussions regarding EV charging stations and if requested, would welcome an invitation to do so.

Sincerely,



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Cal Meiklejohn